



# **USVI TRANSIT SERVICE POST HURRICANE AND MODERNIZATION PLAN**

**US VIRGIN ISLANDS DEPARTMENT OF PUBLIC WORKS  
OFFICE OF PUBLIC TRANSPORTATION**



British Virgin Islands

Atlantic Ocean

Tortola

Jost Van Dyke

St. Thomas

Charlotte Amalie

Cruz Bay

St. John

# U.S. Virgin Islands

Caribbean Sea

©GraphicMaps.com

6 mi  
6 km

LARGER,  
MORE  
DETAILED  
MAP HERE



Frederiksted

St. Croix

Christiansted

Note: The distance between St. Croix and St. Thomas (40 miles) is not shown to scale

U.S. VI  
LOW HILLY-MTL.



# US VIRGIN ISLANDS - ST JOHN TRANSIT SYSTEM



Asset data last updated: December 2013  
 Base map source: US Census Bureau  
 University of the Virgin Islands



# US VIRGIN ISLANDS - ST CROIX TRANSIT SYSTEM



FREDERIKSTED

CHRISTIANSTED

## LEGEND

- Shelter
- Sign
- Route 101  
Christiansted to Frederiksted
- Route 103  
Frederiksted to Christiansted
- Route 2A
- Route 301



0 0.25 0.5 1 Miles



Assist data last updated: December 2013  
 Mapping source: US Census Bureau  
 University of the Virgin Islands



# US VIRGIN ISLANDS - ST THOMAS TRANSIT SYSTEM



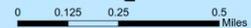
## CHARLOTTE AMALIE



**LEGEND**

- Shelter
- Sign
- Route 101
- Route 102
- Route 201
- Route 301/302
- Route 401/402
- Route 501/502
- Route 601/602
- Route 701

Inset data last updated: December 2013  
Base map source: US Census Bureau  
University of the Virgin Islands

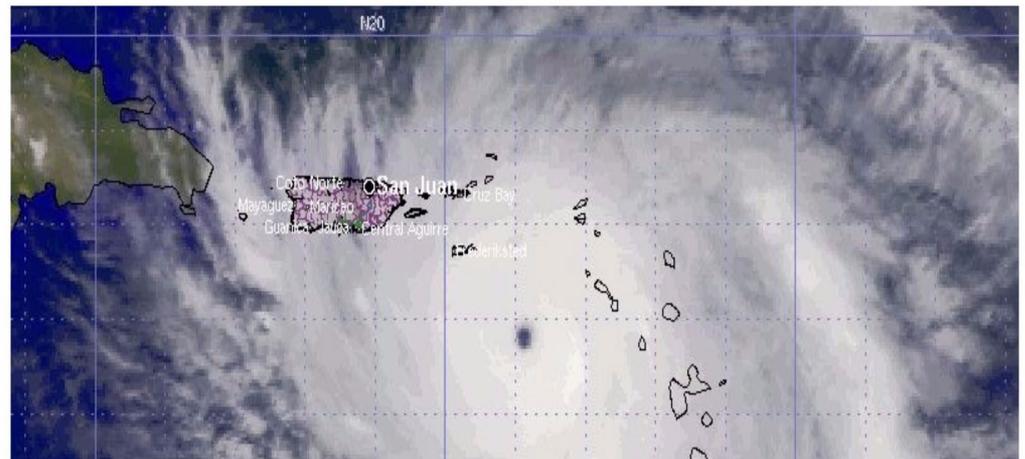
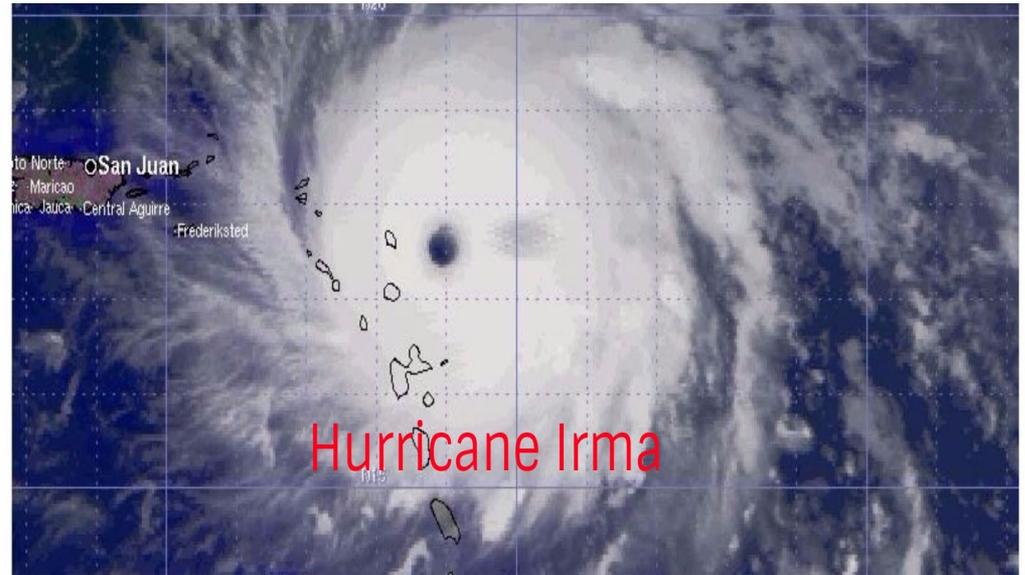


# HURRICANE IRMA/MARIA IMPACTS USVI TRANSIT SERVICE



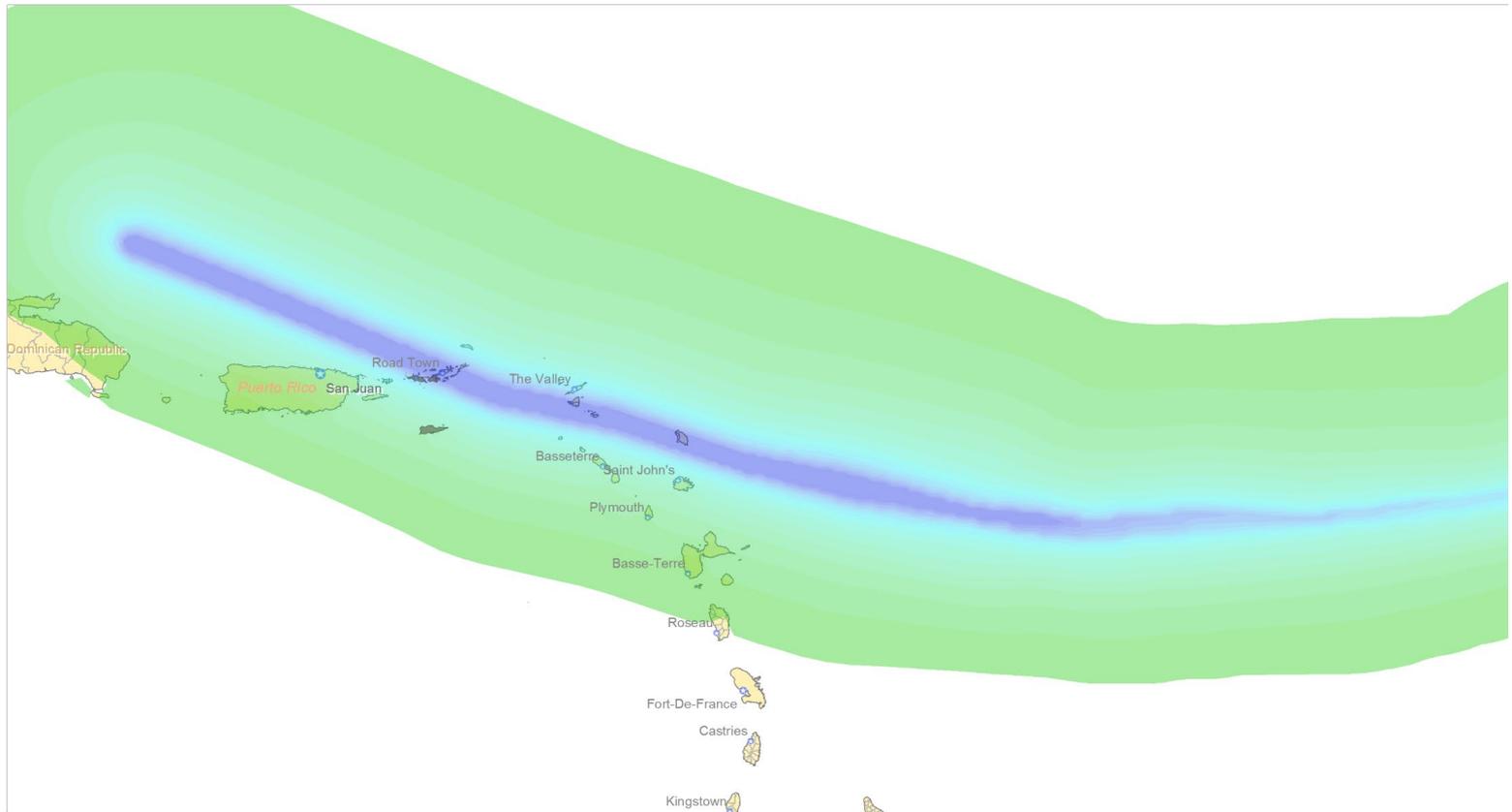
# HURRICANE IRMA & MARIA AS THEY HEAD TO THE VIRGIN ISLANDS

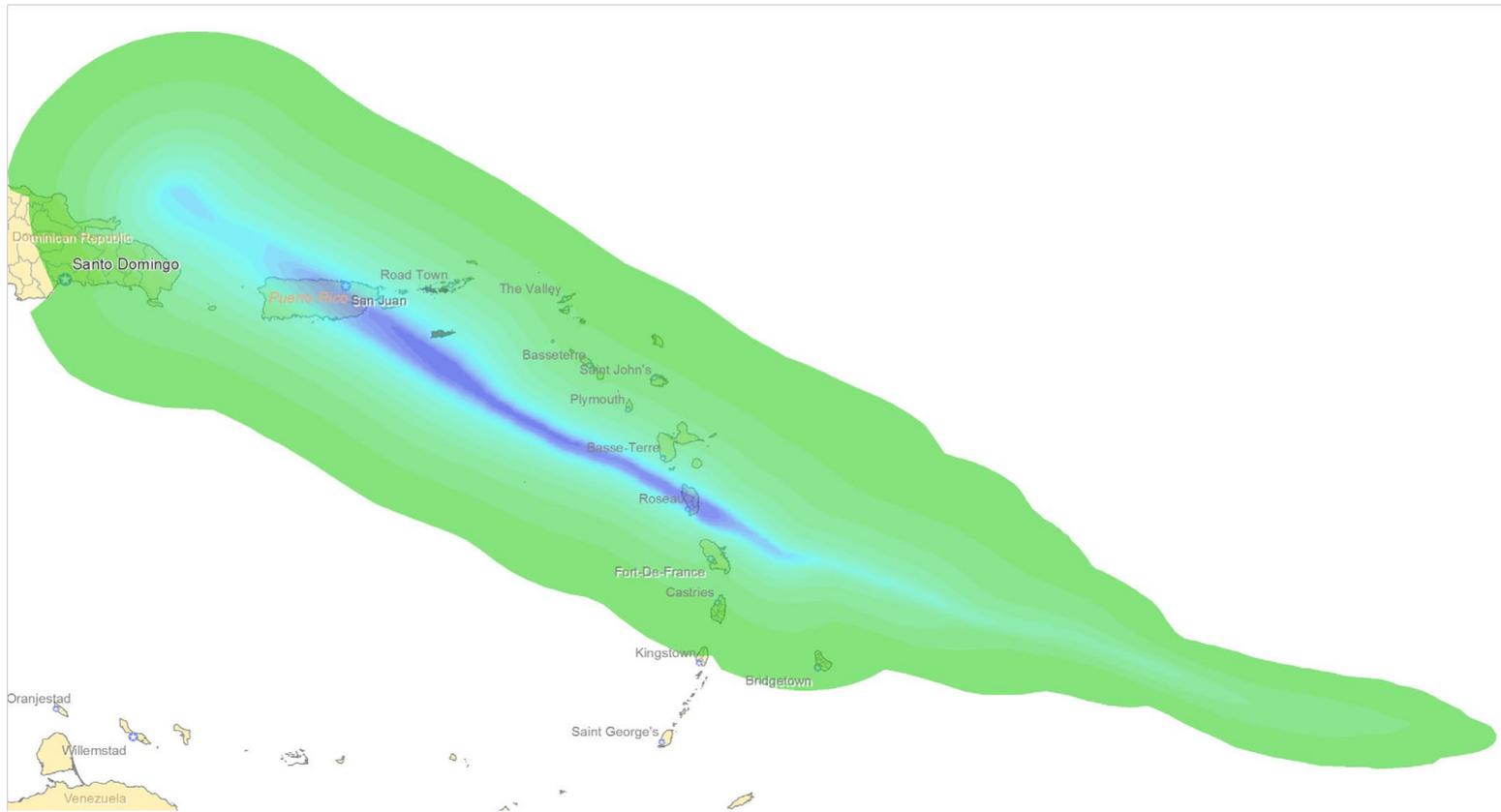
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# HURRICANE IRMA PATH

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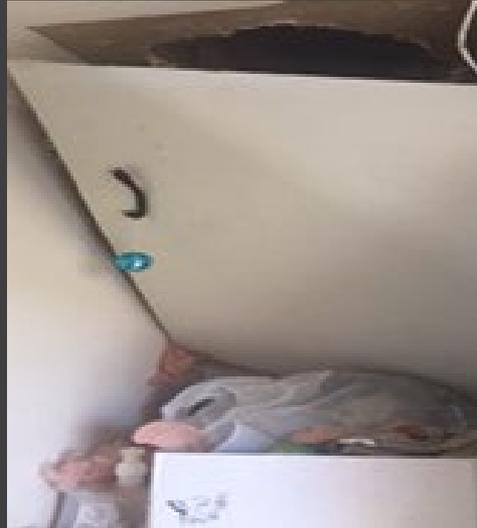


# HURRICANE MARIA PATH

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# WEATHER FORECAST PROJECTION

	Hurricane Irma	Hurricane Maria
Category	5	5
Landfall date	September 6	September 20
Landfall location	St. Thomas / St. John	St. Croix
Worst-affected areas	St. Thomas / St. John	St. Croix
Maximum measured sustained wind speeds	106 MPH*	107 MPH*
Maximum measured wind gusts in the USVI	137 MPH*	137 MPH*
Rainfall	Data not available*	5 in.+*
Storm surge	0.60 – 2.28 ft.+*	1.48 – 2.85 ft.+*
Storm tide	0.50 – 1.7 ft.+*	1.61 – 3.17 ft.+*
Direct deaths	3	2



Broken window on northwest corner of the facility

Damaged louvers on maintenance shop



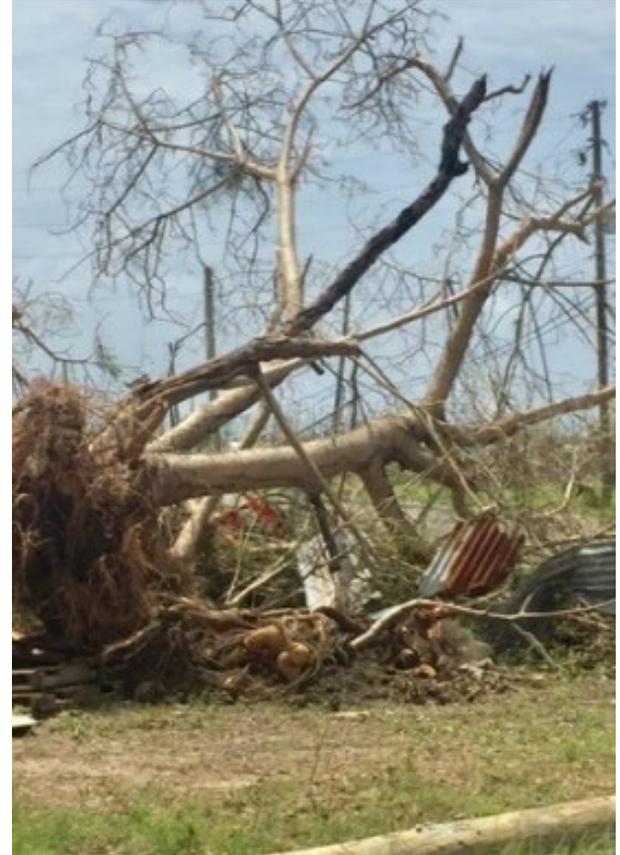
Damage to roof insulation on the maintenance shop

Water infiltration through window in storage room



### DAMAGES TO TRANSIT FACILITY, BUSES AND BUS SHELTERS TERRITORY WIDE

- Damages to St. Croix facility.
- Anna's Hope Maintenance Facility
- Anna's Hope Bus Supervisor Trailer, side panel interior and exterior damages.
- Damaged office trailer



## DAMAGED BUS SHELTERS IN ST.CROIX

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- Cracked left side windows (2), Cracked right side window (1)
- Cracked windshield
- Minor windshield crack
- Cracked left side window

## DAMAGED BUSES IN ST.CROIX



# DAMAGES TO THE ST.THOMAS & ST.JOHN FACILITY





# DAMAGED VEHICLES ST. THOMAS & ST JOHN



# DAMAGED BUS SHELTERS ST.THOMAS & ST. JOHN

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VIRGIN ISLANDS ECONOMY TAKES A NEW SHAPE AFTER HURRICANE IRMA/MARIA





## UPCOMING TRANSIT IMPROVEMENTS AND MODERNIZATION PROJECTS

- Transit Website [www.vitrانvi.com](http://www.vitrانvi.com)
- Harbor Transportation Project
- Bus line production (10) New Medium Duty Buses
- ROUTEMATCH

# Downtown Harbor Transportation Route



# Post- Hurricanes Irma & Maria Revitalization

VI Transit (VITRAN) operational on  
St. Thomas, St. Croix and St. John

Pre Hurricane Fixed Route Statistic – 519,447 Riders  
Post Hurricane Fixed Route Statistic – 288,409 Riders

Pre Hurricane Paratransit Statistic -58,046 Riders  
Post Hurricane Paratransit Statistic- 39,490 Riders

## Capital Projects

- **St. Thomas Operations & Maintenance Facility**
- **St. Croix Operations & Maintenance Facility**
- **RouteMatch Intelligent Transportation System**
- **LaReine Transfer Station STX**

# St. Thomas Operations & Maintenance Facility Rehabilitation and Upgrade

\$1.185 M Project

Improved Storm Drainage

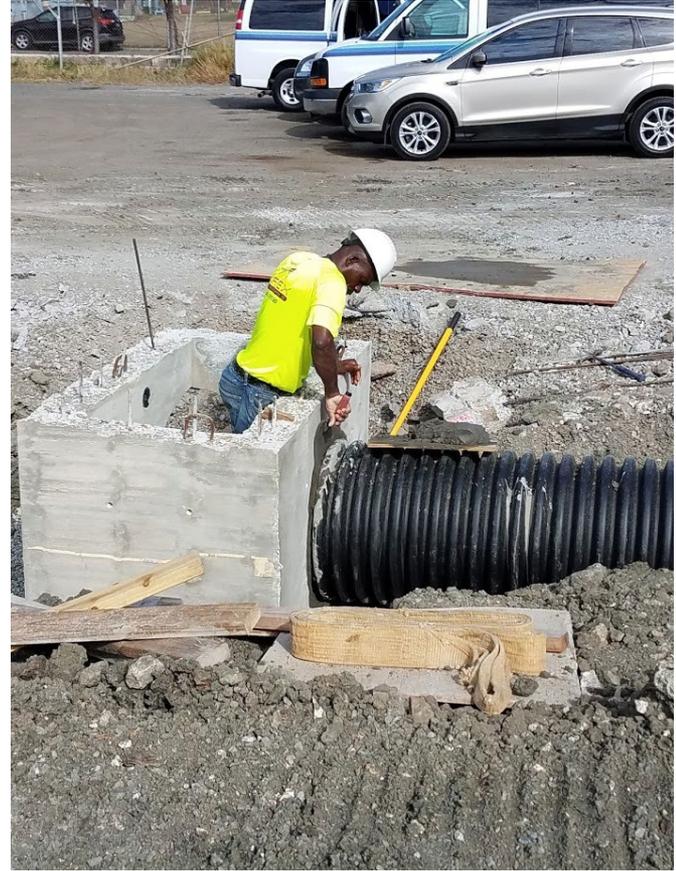
Oil-Water Separator

Cantilever Fencing

Bus Washer Pavilion

Lighting

Improved Parking Area Security for Buses & Vehicles





Medium Duty  
Fixed Route  
Bus  
Procurement

Addition of 10 Medium Duty  
Buses to the Fleet

Upgrade of Fareboxes  
Territory-Wide to Genfare  
Fast Fare Revolutionary  
fareboxes

# RouteMatch – Intelligent Transportation Systems (ITS) Technology

Tablet based mobile data/vehicle tracking solution

22 Fixed Route & 23 Paratransit Vehicles

Rider access to real-time bus location

Hosted in RouteMatch Cloud environment

Web accessible dispatch, customer database for paratransit service

Go Live for Paratransit – June 2019



# THE OFFICE OF PUBLIC TRANSPORTATION FUTURE PLANS & PROJECTS

- ST.JOHN OPERATION & MAINTENANCE FACILITY UPGRADE
- BUS SHELTERS UPGRADE
- BUS TRANSFER STATION ST.THOMAS
- ADVERTISING AND MARKETING
- FERRYBOAT PROGRAM
- BUS TRANSFER STATION ST.CROIX
- RESILIENCY PROJECTS



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